

## Antelope Valley Solar Ranch One (AVSR) Project

**Loan Guarantee** – \$646 million; closed September, 2011

**Jobs** – There are approximately 180 workers on site with expected job numbers to reach 350 at peak construction. Hear how the project brings stability to the lives of some of the workers by clicking [here](#).

**Expected Generation Capacity** – 230 MW

**Expected Clean Air Benefits** – The project is expected to avoid over 350,000 metric tons of carbon dioxide annually, equivalent to the carbon dioxide emissions of over 68,000 vehicles.

**Expected Homes Powered** – The project is expected to generate enough clean electricity to power 54,000 homes annually.

**Power Purchase Agreement** – PG&E has contracted to purchase the project's output for 25 years.

**Project Owner** – Exelon Corporation

**Construction Update** – Project work includes site preparation earth work, the installation of posts and tilts, along with the installation of inverters and cabling that will connect the modules to the inverters.

**Innovation** – The project employs FS Series 3 PV Modules and will feature a utility-scale deployment of innovative inverters with voltage regulation and monitoring technologies that are new to the U.S. solar market. The inverters enable the project to provide more stable and continuous power, increasing the reliability of large-scale solar power plants.

**Supply Chain** – First Solar spent more than \$1 billion with U.S. suppliers across 38 states last year. Major domestic suppliers of steel fabrications and electrical equipment for the three DOE loan guaranteed-supported projects, including Desert Sunlight, include Phoenix-based Omco Solar, a division of Ohio-based Omco, Connecticut-based Highway Safety Corp., Texas-based Powerohm, and SMA Americas of Colorado. In addition, the project uses approximately 30,000 tons of American steel.